

Claims

[1] An IC card in which an IC chip (3) and an antenna (4) are built into a card main body (2), information stored in the IC chip (3) being capable of being contactlessly read out by means of a reader, characterized in that the IC card comprises:

a circuit switchover part (6, 7) provided on a surface of the card main body (2); and

a circuit (5) connected to the IC chip (3), continuity/discontinuity states of the circuit (5) being switched over by switching over the circuit switchover part (6, 7);

the IC chip (3) being capable of transmitting to the reader a signal corresponding to the continuity/discontinuity state of the circuit (5) as the stored information.

[2] An IC card in which an IC chip (3) and an antenna (4) are built into a card main body (2), information stored in the IC chip (3) being capable of being contactlessly read out by means of a reader, characterized in that the IC card comprises:

a conductive sticker (8) affixed to a surface of the card main body (2); and

a circuit (5) connected to the IC chip (3), continuity of the circuit (5) being broken by peeling off the conductive sticker (8);

the IC chip (3) being capable of transmitting to the reader a signal corresponding to the continuity/discontinuity state of the circuit (5) as the stored information.

[3] An IC card in which an IC chip (3) and an antenna (4) are built into a card main body (2), information stored in the IC chip (3) being capable of being contactlessly read out by means of a reader, characterized in that the IC card comprises:

a plurality of conductive stickers (8) affixed to a surface of the card main body (2); and

a plurality of circuits (5) connected to the IC chip (3), continuity of the circuit (5) being broken by peeling off the conductive sticker (8);

the IC chip (3) being capable of transmitting to the reader a signal corresponding to the continuity/discontinuity states of the plurality of circuits (5) as the stored information.

[4] An information storage/transmission system in which an IC chip (13) and an antenna (14) are built into a main body (12), information stored in the IC chip (13) being capable of being transmitted from the antenna (14) to a reader and read out contactlessly, characterized in that the system comprises:

a pair of terminals (15, 16) provided on a surface of the main body (12) and connected to the IC chip (13);

information corresponding to the continuity state of the pair of terminals (15, 16), which is changed by coating a section between the pair of terminals (15, 16) with a conductive ink (20), being capable of being transmitted to the reader via the IC chip (13) and the antenna (14).

[5] The information storage/transmission system according to Claim 4, wherein the main body (12) is made in the form of a card.

[6] The information storage/transmission system according to either Claim 4 or Claim 5 wherein, after the section between the pair of terminals (15, 16) is coated with the conductive ink (20), a sheet (21) is affixed to the surface of the main body (12).

[7] The information storage/transmission system according to Claim 6, wherein the sheet (21) is transparent.

[8] An information storage/transmission system in which an IC chip (13) and an antenna (14) are built into a main body (12), information stored in the IC chip (13) being capable of being transmitted from the antenna (14) to a reader and read out contactlessly, characterized in that the system comprises:

at least one first terminal (33) provided on a surface of the main body (12) and connected to the IC chip (13); a rotating body (31) rotatably provided on the main

body (12); and a second terminal (35) provided on the rotating body (31) and connected to the IC chip (13), the second terminal (35) being capable of coming into contact with the first terminal (33) and providing continuity between itself and the first terminal (33) according to a rotational position of the rotating body (31);

information corresponding to the continuity states of the first terminal (33) and the second terminal (35) being capable of being transmitted to the reader via the IC chip (13) and the antenna (14).

[9] The information storage/transmission system according to Claim 8, wherein the main body (12) is made in the form of a card.

[10] The information storage/transmission system according to either Claim 8 or Claim 9 wherein, after the rotating body (31) is rotated to a predetermined position, a sheet (21) is affixed so as to straddle the main body (12) surface and the rotating body (31).

[11] The information storage/transmission system according to Claim 10, wherein the sheet (21) is transparent.

[12] An information storage/transmission system in which an IC chip (13) and an antenna (14) are built into a main body (12), information stored in the IC chip (13) being capable of being transmitted from the antenna (14) to a reader and read out contactlessly, characterized in that the system comprises:

a pair of first terminals (41) provided on a surface of the main body (12) and connected to the IC chip (13); an information storage member (43) that can be mounted on the surface of the main body (12); an information storage circuit (45) provided on the information storage member (43); and a pair of second terminals (44) provided on the information storage member (43) and being capable of coming into contact with the pair of first terminals (41) and providing continuity between themselves and the pair of first terminals (41);

information stored in the information storage circuit (45) being capable of being transmitted to the reader via the IC chip (13) and the antenna (14) by means of continuity between the first terminal (41) and the second terminal (44).

[13] The information storage/transmission system according to Claim 12, wherein the main body (12) is made in the form of a card.

[14] The information storage/transmission system according to Claim 12, wherein the information storage member (43) is made in the form of a sticker.

[15] The information storage/transmission system according to any one of Claim 12 to Claim 14 wherein, after the information storage member (43) is mounted on the main body (12), a sheet (21) is affixed so as to straddle the main body (12) surface and the information storage member (43).

[16] The information storage/transmission system according to Claim 15, wherein the sheet (21) is transparent.

[17] An information storage/transmission system in which an IC chip (114) and an antenna (115) are built into a main body (12), information stored in the IC chip (114) being capable of being transmitted from the antenna (115) to a reader and read out contactlessly, characterized in that the system comprises:

a rotating shaft (117) rotatably supported on the main body (112) and having part of a surface formed from a conductor (119); and a first terminal (121) and a second terminal (122, 122a, 122b) connected to the IC chip (114) and being capable of coming into contact with the conductor (119);

information corresponding to the continuity states of the first terminal (121) and the second terminal (122, 122a, 122b), which change in response to rotation of the rotating shaft (117), being capable of being transmitted to the reader via the IC chip (114) and the antenna (115).

[18] The information storage/transmission system according to Claim 17 wherein, when the attitude of the main body (112) is changed, the rotating shaft (117) rotates relative to the main body (112) so as to maintain a constant attitude relative to the direction of gravity.